

## SEQUENCE LISTING

<110> Urry, Dan

<120> Acoustic Absorption Polymers and Their Methods of Use

<130> BERL025/01US

<160> 47

<170> PatentIn version 3.0

<210> 1

<211> 5

<212> PRT

<213> Synthetic

<400> 1

Val Pro Gly Val Gly  
1 5

<210> 2

<211> 4

<212> PRT

<213> Synthetic

<400> 2

Val Pro Gly Gly  
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<210> 3

<211> 4

<212> PRT

<213> Synthetic

<400> 3

Gly Gly Val Pro  
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<210> 4

<211> 4

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Gly Gly Phe Pro  
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Gly Gly Ala Pro  
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<222> (2)..(4)

<223> the residue at position 2 can be V, E, F, Y or K; the residue at  
position 4 can be V, E, F or

<400> 6

Gly Xaa Gly Xaa Pro  
1 5

<210> 7

<211> 6

<212> PRT

<213> Synthetic

<400> 7

Ala Pro Gly Val Gly Val  
1 5

<210> 8

<211> 35

<212> PRT

<213> Synthetic



<213> Synthetic

<400> 11

Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly  
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val  
20 25 30

Gly Val Pro  
35

<210> 12

<211> 35

<212> PRT

<213> Synthetic

<400> 12

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly  
1 5 10 15

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20 25 30

Gly Val Pro  
35

<210> 13

<211> 65

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<213> Synthetic

<400> 13

Gly Val Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly  
1 5 10 15

Val Gly Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val  
20 25 30

Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly Val Gly  
35 40 45

Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val Gly Val  
50 55 60





<400> 22

Ile Pro Gly Val Gly  
1 5

<210> 23  
<211> 11  
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<220>  
<221> VARIANT  
<222> (6)..(6)  
<223> the residue at position 6 is S, T or Y

<400> 23

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<210> 24  
<211> 5  
<212> PRT  
<213> Synthetic

<220>  
<221> VARIANT  
<222> (2)..(4)  
<223> the residue at position 2 can be can be V, E, F, Y, K, S or T; t  
h  
e residue at position 4 can be V, E, F, I, S, T or Y; at least o  
n  
e of the residues at positions 2 or 4 is S, T or

<400> 24

Gly Xaa Gly Xaa Pro  
1 5

<210> 25  
<211> 30  
<212> PRT  
<213> Synthetic

<400> 25

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly



1 5 10 15

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro  
20 25 30

<210> 26  
<211> 66  
<212> DNA  
<213> Synthetic

<400> 26  
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gtgtgc 6  
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<210> 27  
<211> 66  
<212> DNA  
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<210> 28  
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<400> 28

Gly Val Gly Val Pro Gly Tyr Gly Val Pro  
1 5 10

<210> 29  
<211> 45  
<212> PRT  
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<400> 29



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 Gly Ile Pro Gly Lys Gly Ile Pro Gly Val Gly Ile Pro  
 35 40 45  
 <210> 33  
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 <212> PRT  
 <213> Synthetic  
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 1 5 10 15  
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 20 25 30  
 <210> 34  
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 <212> PRT  
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 <400> 34  
 Gly Lys Gly Ile Pro Gly Val Gly Ile Pro Gly Lys Gly Ile Pro Gly  
 1 5 10 15  
 Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro  
 20 25 30  
 <210> 35  
 <211> 110  
 <212> PRT  
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 <400> 35  
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 1 5 10 15  
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 20 25 30  
 Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly  
 35 40 45



<400> 37

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20 25 30

Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
50 55 60

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<222>    (58)..(58)
<223>    The residue at position 58 is associated with an SO4 ion
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Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
50 55 60

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&lt;400&gt; 39

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly  
1 5 10 15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val  
20 25 30

Gly Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
35 40 45

&lt;210&gt; 40

&lt;211&gt; 45

&lt;212&gt; PRT

&lt;213&gt; Synthetic

&lt;400&gt; 40

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly  
1 5 10 15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val  
20 25 30

Gly Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
35 40 45

&lt;210&gt; 41

&lt;211&gt; 30

&lt;212&gt; PRT

&lt;213&gt; Synthetic

&lt;400&gt; 41

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly  
1 5 10 15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
20 25 30

&lt;210&gt; 42

&lt;211&gt; 30

&lt;212&gt; PRT

&lt;213&gt; Synthetic

&lt;220&gt;

<221> VARIANT  
 <222> (28)..(28)  
 <223> The residue at position 28 is associated with an SO4 ion

<400> 42

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Val Gly Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
 20 25 30

<210> 43  
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 <212> PRT  
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<400> 43

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly Ile Pro  
 1 5 10 15

<210> 44  
 <211> 15  
 <212> PRT  
 <213> Synthetic

<220>  
 <221> VARIANT  
 <222> (13)..(13)  
 <223> The residue at position 13 is associated with an SO4 ion

<400> 44

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<210> 45  
 <211> 10  
 <212> PRT  
 <213> Synthetic

<400> 45

Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly

000222T-FF34260

1 5 10

<210> 46  
<211> 10  
<212> PRT  
<213> Synthetic

<220>  
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<222> (9)..(9)  
<223> The residue at position 9 is associated with an SO4 ion

<400> 46

Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly  
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<210> 47  
<211> 10  
<212> PRT  
<213> Synthetic

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> The residue at position 9 is associated with an MgSO4 ion

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Ile Pro Gly Val Gly Ile Pro Gly Tyr Gly  
1 5 10